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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

APPLICATION NO. 09/883,183 ATTY. DOCKET NO. 0942.4150002 APPLICANT Blakesley, R.W. FILING DATE CRUID

					FILING DATE June 19, 2001		GROUP 1656		·
				U.S	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUME	NT NUMBER	DATE	NAME	CLA	ıss	SUB-CLASS	FILING DATE
in	AA1	4,683,	195	07/28/1987	Mullis et al.	435	i	6	02/07/1986
	AB1	4,683,	202	07/28/1987	Mullis K.	435	i	91	10/25/1985
	AC1	4,766,	072	08/23/1988	Jendrisak et al.	435	<u> </u>	91	07/17/1985
	AD1	4,767,	708	08/30/1988	Minkley, Jr. et al.	435		194	08/07/1984
	AE1	4,795,	699	01/03/1989	Tabor et al.	435		5	01/14/1987
	AF1	4,800,	159	01/24/1989	Mullis et a1.	435		172.3	12/17/1986
	AG1	4,851,	331	07/25/1989	Vary et al.	435		6	05/16/1986
	AH1	4,863,	849	09/05/1989	Melamede R.	435		6	07/18/1985
	AI1	4,952,	496	08/28/1990	Studier et al.	435		91	12/29/1986
	AJ1	4,962,	020	10/09/1990	Tabor et al.	435		6	07/12/1988
	AK1	4,965,	188	10/23/1990	Mullis et al.	435		6	06/17/1987
			-	FOREI	GN PATENT DOCUMENTS				-
XAMINER NITIAL		DOCUME	NT NUMBER	DATE	COUNTRY	CLA	ss	SUB-CLASS	TRANSLATION
M	AL1	EP 0 38	86 858	09/12/1990	Europe				Y
	AM1	EP 0 38	86 859	09/12/1990	Europe				Y
	AN1	EP 0 40	09 078	01/23/1991	Europe				Y
	AO1	WO 91/0	09950	07/11/1991	WIPO			W	Y
	AP1	WO 92/0	06188	04/16/1992	WIPO				Y
			OTHER (Including Author	Title, Date, Pertinent	Pages, etc.)			
1		Be 1	eishmania d ————————————————————————————————————	onovani," Molecui	nd expression of the ader ar and Biochemical Parasi , "Nucleoside 5'-triphosp erminal deoxynucleotidyl & Biophysica Acta 868(2/3	hates modifie	99-103	(October 19	95) S. as
\	AT	1 Bu	ılt, C.J. e nnaschii,"	t al., "Complete Science 273:1058	Genome Sequence of the M -1072 (August 1996)	dethanogenic /	Archaeor	n, Methanoco	occus

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APPLICANT Blakesley, R.W. GROUP 1656

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INITIAL		DOC	UMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
-11	AA2	4,9	71,903	11/20/1990	Hyman E.	435	6	03/25/1988
	AB2	5,0	03,059	03/26/1991	Brennan T.	536-	27	06/20/1988
	AC2	5,0	26,645	06/25/1991	Kotani et al.	435	194	10/19/1987
	AD2	5,0	75,216	12/24/1991	Innis et al.	435	6	09/23/1988
	AE2	5,0	79,352	01/07/1992	Gelfand et al.	536	27	05/15/1990
	AF2	5,0	91,310	02/25/1992	Innis M.	435	91	09/23/1988
	AG2	5,1	02,802	04/07/1992	McAllister W.	435	252.33	01/02/1991
	AH2	5,1	06,729	04/21/1992	Lindsay et al.	435	6-	07/24/1989
	AI2	5,1	08,892	04/28/1992	Burke et al.	435	6-	08/03/1989
	AJ2	5,1	22,457	06/16/1992	Reim et al.	435	69.1	10/19/1989
<u> </u>	AK2	5,1	24,247	06/23/1992	Ansorge W.	435	6-	12/11/1989
				FOREI	GN PATENT DOCUMENTS			
XAMINER NITIAL	i	DOC	UMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
M	AL2	WO 9	92/06202	04/16/1992	WIPO			Y e
	AM2	EP (0 482 714	04/29/1992	Europe			Y e
	AN2	CA '	1,311,201	12/08/1992	Canada			Y e
	A02	WO 9	93/04184	03/04/1993	WIPO			Y e
	AP2	WO S	73/05060	03/18/1993	WIPO			Υe
			OTHER (Including Author	, Title, Date, Pertinent Pages, e	etc.)		N
-gl	AR	2	Charng, Y. 6 pyrophosphor 47 (1992)	t al., "Molecula ylase from the c	r cloning and expression of the g yanobacterium <i>Anabaena</i> sp. strain	gene encodi n PCC 7120,	ng ADP-gluco Plant Mol.E	se Biol. 20(1): 37 -
	Chidgeavadze, Z.G. and R.S. Beabealashvilli, "2',3'-Dideoxy-3'aminonucleoside 5'-triphosphates are the terminators of DNA synthesis catalyzed by DNA polymerases," Nucl. Acids Res. 12(3):1671-1686 (1984)							
	AT	<u>2</u>	Chidgeavadze DNA synthesi	, Z.G. et al., "3 s," FEBS Letters	3'-Fluoro-2',3'-dideoxyribonucleos 183(2):275-278 (1985)	ide 5'-triph	osphates:ter	minators of

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APPLICANT Blakesley, R.W.	
FILING DATE June 19, 2001	GROUP 1656

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	n.	AA3	5,1	26,251	06/30/1992	Moss et al.	435	69_1_	03/01/1990	
\angle		AB3	5,1	42,033	08/25/1992	Innis M.	536	27	07/31/1991	
	<u> </u>	AC3	5,1	73,411	12/22/1992	Tabor et al.	435	91	04/12/1991	
	1	AD3	5,1	92,674	03/09/1993	Oshima et al.	435	194	08/24/1989	
	<u> </u>	AE3	5,1	98,543	03/30/1993	Blanco et al.	536	-23.2	03/13/1991	
		AF3	5,2	10,036	05/11/1993	Comb et al.	435	194-	04/26/1990	
		AG3	5,2	42,818	09/07/1993	Oshima et al.	435	194	06/05/1992	
	1	АН3	5,2	70,179	12/14/1993	Chatterjee D.	435	69.1	01/28/1992	
		AI3	5,3	08,751	05/03/1994	Ohkawa et al.	435	6	03/23/1992	
		AJ3	5,3	32,666	07/26/1994	Prober et al.	435	91.5	10/22/1991	
	<u> </u>	AK3	5,3	52,778	10/04/1994	Comb et al.	-536	23.2	12/15/1993	
					FOREI	GN PATENT DOCUMENTS	·· ,			
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NITIAL	<u> </u>	+	1	JMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
-11	r	AL3	EP (547 359	06/23/1993	Europe			Ye N	
/		АМЗ	WO 9	93/20232	10/14/1993	WIPO			Ye N	
		AN3	WO S	94/03643	02/17/1994	WIPO			Ye N	
		A03	WO S	94/16107	07/21/1994	WIPO			Ye	
		AP3	WO 9	94/26911	11/24/1994	WIPO			Ye	
		1		OTHER (Including Author	, Title, Date, Pertinent Pages,			No	
7	A [AR	<u>3</u>	Chidgeavadze	, z.g. et al., "	Nucleoside 5'-triphosphates with Biophysica Acta 868(2/3):145-152	modified su	gars as subs	trates for DNA	
		AS	Dyatkina, N. et al., "Properties of 2',3'-dideoxy-2',3'-dehydrothymidine 5'-triphosphate in terminating DNA synthesis catalyzed by several different DNA polymerases," FEBS Letters 219(1):151-155 (1987)							
		AT	<u>3</u>	Feldmann, R. Monoclonal A	C. et al., "Decr ntibody-Mediated	eased Metabolism and Viability o Agglutination," <i>Infection and In</i>	f Mycoplasma mmunity 60(1	hominis Ind):166-174 (1	uced by 992)	

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ATTY. DOCKET NO. 0942.4150002 APPLICATION NO. 09/883,183 APPLICANT Blakesley, R.W. FILING DATE GROUP

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				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
-th	AA4	5,3	74,553	12/20/1994	Gelfand et al.	435	252 3	08/13/1990
	AB4	5,4	03,709	04/04/1995	Agrawal et al.	435	6_	10/06/1992
	AC4	5,4	05,746	04/11/1995	Uhlen M.	435	-6	09/22/1993
	AD4	5,40	05,747	04/11/1995	Jett et al.	435	6	03/07/1994
	AE4	5,41	05,774	04/11/1995	Abramson et al.	435	252.3	09/10/1993
	AF4	5,41	05,776	04/11/1995	Kotewicz et al.	435	252.33	01/24/1992
	AG4	5,40	07,799	04/18/1995	Studier F.	435	6_	10/12/1993
	AH4	5,40	09,811	04/25/1995	Tabor et al.	435	6	04/16/1992
	A14	5,4	11,862	05/02/1995	Ruggiu et al.	435	6_	04/23/1993
	AJ4	5,4	13,926	05/09/1995	Oshima et al.	435	194_	06/05/1992
1	AK4	5,42	20,029	05/30/1995	Gelfand et al.	435	194	08/13/1991
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XAMINER NITIAL		DOCI	JMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
No	AL4		95/04162	02/09/1995	WIPO	CLASS	SOB-CLASS	Ye
	AM4	EP (647 716	04/12/1995	Europe			Y
	AN4	wo s	95/14770	06/01/1995	WIPO			Ye
	A04	WO 9	95/15380	06/08/1995	WIPO			Y
	AP4	WO 9	75/20682	08/03/1995	WIPO			
			OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)		
M	AR	4	caldolyticus	J. Neuhard, "Th Includes Genes 176(12): 3698-37 0	ne Pyrimidine Biosynthesis Opero for Uracil Phosphoribosyltransf D7 (1994)	on of the The erase and Ur	ermophile Bac acil Permeas	illus e," J.
	AS	Hughes, K.T. et al., "The Salmonella typhimurium nadC Gene: Sequence Determination by Use of Mud- 4 P22 and Purification of Quinolinate Phosphoribosyltranferase," J. Bacteriology 175(2): 479-486 (1993)						
	AT	4	Jagadeeswara coli gpt gen	n, P. <i>et al</i> ., "N e in plasmid pSV	ucleotide sequence and analysis gpt," <i>Gene 31</i> :309-313 (1984)	of deletion	mutants of	the Escherich
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APPLICANT Blakesley, R.W.		
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-7	4	AA5	5,4	32,065	07/11/1995	Fuller C.	435	91.1	03/30/1993
/	٣_	AB5	5,4	36,149	07/25/1995	Barnes W.	435	194	02/19/1993
		AC5	5,43	36,326	07/25/1995	Ishino et al.	536	23.2	03/09/1994
	<u> </u>	AD5	5,4	55,170	10/03/1995	Abramson et al.	435	252.3	08/27/1993
		AE5	5,40	66,591	11/14/1995	Abramson et al.	435	194	09/30/1991
·		AF5	5,4	74,920	12/12/1995	Moses R.	435	194	11/23/1993
		AG5	5,48	84,701	01/16/1996	Cocuzza et al.	435	6	01/31/1992
		AH5	5,48	89,523	02/06/1996	Mathur E.	435	194	10/26/1992
		A15	5,49	98,523	03/12/1996	Tabor et al.	435	6	07/14/1994
		AJ5	5,50	00,363	03/19/1996	Comb et al.	435	194	09/07/1993
	<u>↓</u>	AK5	5,50	03,980	04/02/1996	Cantor C.	435	6	10/17/1994
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EXAMINEI INITIAL		ļ	DOCL	JMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
-1/2	r e	AL5	WO S	95/23236	08/31/1995	WIPO			Yes No
		AM5	WO 95/27067		10/12/1995	WIPO			Yes No
		AN5	EP 0	701 000	03/13/1996	Europe			Yes No
		A05	WO 9	26/10640	04/11/1996	WIPO			Yes No
1	/	AP5	WO 9	P6/14405	05/17/1996	WIPO			Yes No
		,		OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)		
-Jr		AR	<u>5</u>	Jiang, Y. et Hypoxanthine 1996)	al., " <i>Crithidia</i> -Guanine Phospho	fasciculata:Isolation, Sequenc ribosyltransferase Gene," Exper	ing, and Expr · Parasitolog	ession of th	ne 75 (January
		AS Johnson, J.C. et al., "An Enzymic Method for Determination of Inorganic Pyrophosphate and Its Use as an Assay for RNA Polymerase," Analytical Biochem. 26(1):137-145 (1968)							
4		AT	<u>5</u>	Kalmar, G.B. An amphipath <i>87(16)</i> :6029-6	ic protein that	g and expression of rat liver C controls phosphatidylcholine sy	TP:phosphochonthesis," Pro	oline cytidy oc. Natl. Aca	lytransfersase: ad. Sci.USA
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ATTY. DOCKET NO. 0942.4150002 09/883,183

APPLICANT Blakesley, R.W.

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			U.S	. PATENT DOCUMENTS			
XAMINER NITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
on	AA6	5,512,458	04/30/1996	Leonard J.	435	91.1	07/14/1994
	AB6	5,512,462	04/30/1996	Cheng S.	435	91.2>	02/25/1994
	AC6	5,516,633	05/14/1996	Fuller C.	435	6-	08/06/1992
	AD6	5,525,464	06/11/1996	Drmanac et al.	435	6	02/28/1994
	AE6	5,525,470	06/11/1996	Cohen et al.	435	6	01/26/1994
[AF6	5,545,552	08/13/1996	Mathur E.	435	252_3_	04/19/1995
	AG6	5,547,859	08/20/1996	Goodman et al.	435	91_1	08/02/1993
\downarrow	AH6	5,550,035	08/27/1996	Moss et al.	435	69_1	01/26/1994
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1/2	AL6	WO 96/14417	05/17/1996	WIPO			Ye I
	AM6	WO 96/14434	05/17/1996	WIPO			Y
	AN6	EP 0 712 927	05/22/1996	Europe			Ye N
1	A06	EP 0 763 599	03/19/1997	Europe			Y e
_	AP						Y e
		OTHER (Including Author	, Title, Date, Pertinent Pages,	etc.)		
<i>M</i>	AR	6 Kim, D. and developmenta	S.M. Smith, "Mol Il regulation of	ecular cloning of cucumber phos gene expression," Plant Mol. Bi	pho <i>eno1</i> pyruv: o1.26(1):4 23 -	ate carboxyk 434 (1994)	inase and
	AS 6 Kornberg, A. and T.A. Baker, "Biosynthesis of DNA Precursors," In:DNA Replication 2 nd Edition, W.H. Freeman and Company publ. New York pp.68-69 (1992)						
	АТ	6 Krayevsky, A Polymerases,	.A. et al., "Selo " Nucleosides & N	ective Inhibition of DNA Chain Nucleotides 7(5&6):613-617 (1988	Elongation Ca)	ntalyzed By I	DNA
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1	AR	<u>7</u>	Kutateladze,	T.V. et al., "3	5'-Hydroxymethyl 2'-deoxynuclo transcriptase," FEBS Letter:	eoside 5'-tripho	sphates are i 2 (1986)	nhibitors		
	AS	<u>Z</u>	Ladror, U.S. Phosphofruct (1991)	adror, U.S. et al., "Cloning, Sequencing, and Expression of Pyrophosphate-dependent hosphofructokinase from <i>Propionibacterium freudenreichii</i> ," J. Biol.Chem. 266(25):16550-16555 1991)						
	AT 7 Leyh, T.S. et al., "The Sulfate Activation Locus of Escherichia coli K12: Cloning, Genetic, and Enzymatic Characterization," J. Biol. Chem 263(5):2409-2416 (1988)									
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	AR	8	Leyh, T.S. e J. Biol.Chem.	t a1., "The DNA . 267(15):10405-1	Sequence of the Sulfate Activa 10410 (1992)	tion Locus fro	om Escherich	ia coli K-12, "		
	AS	<u>8</u>	_udin, K.M. @ Curr.Genet. 2	udin, K.M. et al., "The ade4 gene of Schizosaccharomyces pombe:cloning, sequence and regulation," urr.Genet. 25(1):465-468 (1994)						
	Marolda, C.L. and M.A. Valvano, "Identification, Expression, and DNA Sequence of the GDP-Mannose Biosynthesis Genes Encoded by the O7 rfb Gene Cluster of Strain VW187 (Escherichia coli 07:K1), " J. Bacteriology 175(1):148-158 (1993)									
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····	1		OTHER (Including Author	. Title, Date, Pertinent Pages	etc.)	<u> </u>	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Müller-Röber, B. et al., "Isolation and expression analysis of cDNA clones encoding a small and a large subunit of ADP-glucose pyrophosphorylase from sugar beet," Plant Mol. Biol. 27(1):191-197 (January 1995)							j a small and a 7(1):191-197	
	AS	2	Nakagawa, S. et al., "Nucleotide Sequence of the FAD Synthetase Gene from Corynebacterium ammoniagenes and Its Expression in Escherichia coli," Biosci. Biotech. Biochem. 59(4):694-702 (April 1995)					
AT 2 Nyrén, P., "Enzymatic Method for Continuous Monitering of DNA Polymerase Activity," Analytical Biochem. 167(2):235-238 (1987)								
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	AS	<u>10</u>	Pyrinova, G.B. et al., "Selective Inhibition of Reverse Transcription in Type-A Retroviral Particles From Rat Liver by 3'-Azido-2',3'-dideoxythymidine-5' triphosphate," Molekulyarnaya Biologiya 22(5):1128-1132 (1988)					
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Ruan, C.C. et al., "Role of Pryophosphorolysis in DNA Sequencing," Editorial Comments, US Biochemical Corp. 17(1):1-27 (1990)						ts, US		
	AS	<u>11</u>	Shanmugam, K. et al., "Purification and characterization of a tRNA nucleotidyltransferase from Lupinus albus and functional complementation of a yeast mutation by the corresponding cDNA," Plant Mol. Biol. 30(2):281-295 (January 1996)					
Siebers, B. and R. Hensel, "Glucose catabolism of the hyperthermophilic archaeum Thermoproteus tenax, " FEBS Letters 111(1):1-8 (1993)								
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	Vakulenko, S.B. et al., "Cloning And Nucleotide Sequence Determination of AADB Gene From Salmonella oranienburg," Antiobiot. Khimioter.38(6):25-30 (1993)							
	AT	<u>12</u>	Vinitsky, A. and Structur	et al., "Clon e of Nicotinat	ing and Nucleic Acid Seque e Phosphoribosyltransfera	uence of the Salmonel ase," J. Bacteriology	la typhimuriu 173(2): 536-5	m pncB Gene 40 (1991)
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	AS	Boisclair, Y. R., and Brown, A. L., "Use of Reverse Ligation-PCR to Identify Transcriptional Start Sites in GC-Rich TATA-Less Genes: Application to the Rat IGFBP-2 Gene," DNA and Cell Biol. 14:731-739 (August 1995)						
	AT :	Brock, K. V., et al., "Nucleotide sequencing of 5' and 3' termini of bovine viral diarrhea virus by RNA ligation and PCR," J. Virol. Meth. 38:39-46 (1992)						
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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 0942.4150002	APPLICATION NO. 09/883,183
APPLICANT Blakesley, R.W.	
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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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APPLICANT Blakesley, R.W.	
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ATTY. DOCKET NO. 0942.4150002	APPLICATION NO. 09/883,183
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ATTY. DOCKET NO. 0942.4150002	APPLICATION NO. 09/883,183
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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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	APPLICATION NO. 09/883,183				
APPLICANT Blakesley, R.W.					
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	AN7	WO 94/05797	03/17/1994	WIPO				Yes No
	A07	WO 95/28636	10/26/1995	WIPO				Yes No
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	AS	<u>34</u>	Huber, H.E., et al., "Escherichia coli Thioredox)n Stabilizes Complexes of Bacteriophage T7 DNA Polymerase and Primed Templates," J. Biol. Chem. 262:16224-16232 (1987).						nage T7 DNA	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

DATE CONSIDERED

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